(mobile and location and from and the and hlr)
Terms used: mobile location from the hlr   Foun

Sort results   relevance   ◆ Save results to a Binder   Refine these results with Ad\
by   Try this search in The ACM (
Display   expanded form   ☐ Open results in a new window
results

Results 1 - 20 of 107   Result page: 1   2   3   4   5   6   next   >>

1   On properties of read and write sets in the Awerbuch-Peleg scheme for tracking
    mobile users
    Ishan P. Weerakoon, Alexander L. Wijesinha, Depinder P. Sidhu
    May 2000 Wireless Networks,   Volume 6 Issue 3
    Publisher: Kluwer Academic Publishers
    Full text available: 🖺 pdf(209.89 KB)   Additional Information: full citation, abstract, references, index terms

    Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 7, Citation Count: 0

        An important issue in the design of a wireless network is the scheme used for tracking
        the locations of its mobile users. A formal scheme for efficient location tracking proposed
        by Awerbuch and Peleg uses a locality‐preserving distributed directory ...

2   Using hierarchical location names for scalable routing and rendezvous in wireless
◆   sensor networks
    Fang Bian, Ramesh Govindan, Scott Schenker, Xin Li
    November 2004 SenSys '04: Proceedings of the 2nd international conference on Embedded
                   networked sensor systems
    Publisher: ACM
    Full text available: 🖺 pdf(70.34 KB)   Additional Information: full citation, references, index terms

    Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 26, Citation Count: 0

        Keywords: HLI, HLR, data-centric routing primitives, hierarchical routing, sensor
        networks

3   Database and location management schemes for mobile communications
    Anna Hać, Bo Liu
    December 1998 IEEE/ACM Transactions on Networking (TON),   Volume 6 Issue 6
    Publisher: IEEE Press
    Full text available: 🖺 pdf(264.51 KB)   Additional Information: full citation, references, index terms

    Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 68, Citation Count: 0

        Keywords: GSM, broadcast, cost, mobility management, partition, routing, switching

4 Can active tracking of inroamer location optimise a live GSM network?

Katerina Dufková, Jirí Danihelka, Michal Ficek, Ivan Gregor, Jan Kouba
December 2007 CoNEXT '07: Proceedings of the 2007 ACM CoNEXT conference
Publisher: ACM

Full text available: pdf(188.58 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 4, Citation Count: 0

The mobile communication industry has experienced huge growth in recent years, which amplified the competition among telecommunication companies. This inspired the search for new means of GSM network optimization that would bring better signal coverage ...

Keywords: GSM, SS7, active tracking, inroamer, mobile networks

5 Supporting mobile commerce applications using dependable wireless networks

Alisha D. Malloy, Upkar Varshney, Andrew P. Snow
June 2002 Mobile Networks and Applications, Volume 7 Issue 3
Publisher: Kluwer Academic Publishers

Full text available: pdf(349.90 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 41, Downloads (12 Months): 376, Citation Count: 5

Mobile commerce (m-commerce) is an emerging discipline involving applications, mobile devices, middleware, and wireless networks. While most of existing e-commerce applications can be modified to run in a wireless environment, m-commerce also involves ...

Keywords: availability, dependability, e-commerce, m-commerce, performance evaluation, reliability, simulation, survivability, wireless networks

6 Mobility-based anomaly detection in cellular mobile networks

Bo Sun, Fei Yu, Kui Wu, Victor C. M. Leung
October 2004 WiSe '04: Proceedings of the 3rd ACM workshop on Wireless security
Publisher: ACM

Full text available: pdf(164.52 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 135, Citation Count: 0

This paper presents an efficient on-line anomaly detection algorithm that can effectively identify a group of especially harmful *internal* attackers - *masqueraders* in cellular mobile networks. Our scheme is derived from a well-developed ...

Keywords: anomaly detection, cellular mobile networks, data compression

7 Integrated service mobile internet: RSVP over mobile IPv4&6

Shing-Jiuan Leu, Ruay-Shiung Chang
December 2003 Mobile Networks and Applications, Volume 8 Issue 6
Publisher: Kluwer Academic Publishers

Full text available: pdf(200.38 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 65, Citation Count: 0

While the Internet keeps its penetration into every facet of life and every corner of the globe, two things stand out. One is the hunger for high quality of services to convey audio and video data. The other is the desire for ubiquitous connections. ...

Keywords: mobile internet protocol, quality of service, resource reSerVation protocol

8 Determination of the Registration Point for Location Update by Dynamic
   Programming in PCS
   Chae Y. Lee, Seon G. Chang
   September 2001 Wireless Networks, Volume 7 Issue 4
   Publisher: Kluwer Academic Publishers
   Full text available: pdf(205.97 KB)   Additional Information: full citation, abstract, references, cited by, index terms

   Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 19, Citation Count: 1
   Location management is important to effectively keep track of mobile terminals with
   reduced signal flows and database queries. Even though dynamic location management
   strategies are known to show good performance, we in this paper consider the static ...

   Keywords: dynamic programming, location management, selective pointer forwarding

9 Dynamic hierarchical database architecture for location management in PCS
   networks
   Joseph S. M. Ho, Ian F. Akyildiz
   October 1997 IEEE/ ACM Transactions on Networking (TON), Volume 5 Issue 5
   Publisher: IEEE Press
   Full text available: pdf(292.92 KB)   Additional Information: full citation, references, cited by, index terms

   Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 51, Citation Count: 18

   Keywords: call delivery, directory register, home location register, location
   registeration, visitor location register

10 A speed-adaptive strategy for location management cost reduction in cellular
   networks
   Zhijun Wang, Jingyuan Zhang
   November 2006 Wireless Networks, Volume 12 Issue 6
   Publisher: Kluwer Academic Publishers
   Full text available: pdf(456.11 KB)   Additional Information: full citation, abstract, references, index terms

   Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 61, Citation Count: 0
   A speed adaptive location management scheme will greatly reduce the cost of tracking
   mobile stations, because mobile stations can travel at a wide range of speeds. Recently,
   an elegant distance- and time-based scheme has been proposed. The scheme uses ...

   Keywords: cellular networks, location management, location update, paging,
   performance comparison

11 Escrow techniques for mobile sales and inventory applications
   Narayanan Krishnakumar, Ravi Jain
   August 1997 Wireless Networks, Volume 3 Issue 3
   Publisher: Kluwer Academic Publishers
   Full text available: pdf(233.62 KB)   Additional Information: full citation, abstract, references, cited by, index terms

We address the design of architectures and protocols for providing mobile users with integrated Personal Information Services and Applications (PISA), such as personalized news and financial information, and mobile database access. We present a system ...

12 Location-based notification as a general-purpose service

Jonathan P. Munson, Vineet K. Gupta

September 2002 WMC '02: Proceedings of the 2nd international workshop on Mobile commerce

Publisher: ACM

Full text available: pdf(190.40 KB)   Additional Information: full citation, abstract, references, cited by, index terms

An often-discussed mobile commerce application is proximity-based coupon delivery. In a typical scenario a merchant is notified when a valued customer is within some distance of a retail outlet, upon which the customer is delivered a coupon or some notice ...

Keywords: Pervasive computing, mobile commerce, wireless notification

13 Design and implementation of the management agent for mobile devices based on OMA DM

Jaeyoung Shin, Youngwoo Chung, Kwang Sun Ko, Young Ik Eom

January 2008 ICUIMC '08: Proceedings of the 2nd international conference on Ubiquitous information management and communication

Publisher: ACM

Full text available: pdf(282.10 KB)   Additional Information: full citation, abstract, references, index terms

With the rapid advancement of mobile communication technologies, mobile devices are evolving into convergence devices with various multimedia capabilities. However, the needs for high-performance devices demand complicated settings, and thus contain ...

Keywords: OMA DM, device management, mobile device

14 An auxiliary user location strategy employing forwarding pointers to reduce network impacts of PCS

Ravi Jain, Yi-Bing Lin

June 1995 Wireless Networks,   Volume 1 Issue 2

Publisher: Kluwer Academic Publishers

Full text available: pdf(1.40 MB)   Additional Information: full citation, abstract, references, cited by

We propose an auxiliary strategy, called per-user forwarding, for locating users who move from place to place while using Personal Communications Services (PCS). The forwarding strategy augments the basic location strategy proposed in existing standards ...

15

Location management for mobile commerce applications in wireless Internet environment
Upkar Varshney
August 2003 ACM Transactions on Internet Technology (TOIT),   Volume 3 Issue 3
Publisher: ACM

Full text available: pdf(630.00 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 41,   Downloads (12 Months): 438,   Citation Count: 8

> With recent advances in devices, middleware, applications and networking infrastructure, the wireless Internet is becoming a reality. We believe that some of the major drivers of the wireless Internet will be emerging mobile applications such as mobile ...

> Keywords: Mobile commerce, infrastructure dependability, location management, mobile applications, satellites, wireless Internet, wireless LANs, wireless multicast

16   User profile replication with caching for distributed location management in mobile communication networks
Hoang Nguyen Minh, Harmen R. van As
March 2001 SAC '01: Proceedings of the 2001 ACM symposium on Applied computing
Publisher: ACM
Full text available: pdf(294.68 KB)   Additional Information: full citation, references, index terms

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 40,   Citation Count: 0

> Keywords: TINA, UMTS, location management, mobility mangaement

17   A distributed database architecture for global roaming in next-generation mobile networks
Zuji Mao, Christos Douligeris
February 2004 IEEE/ACM Transactions on Networking (TON),   Volume 12 Issue 1
Publisher: IEEE Press
Full text available: pdf(427.81 KB)   Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 14,   Downloads (12 Months): 201,   Citation Count: 1

> The next-generation mobile network will support terminal mobility, personal mobility, and service provider portability, making global roaming seamless. A location-independent personal telecommunication number (PTN) scheme is conducive to implementing ...

> Keywords: database architecture, location management, location tracking, mobile networks

18   Combinatorial mobile IP: a new efficient mobility management using minimized paging and local registration in mobile IP environments
Taehwan Choi, Laeyoung Kim, Jeongeun Nah, Jooseok Song
May 2004 Wireless Networks,   Volume 10 Issue 3
Publisher: Kluwer Academic Publishers

Full text available: pdf(247.90 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 59,   Citation Count: 1

> Combinatorial Mobile IP, a new mobility management scheme for Mobile IP, is proposed and analyzed. We present how to adopt mobility management schemes on cellular

networks and adapt them in Mobile IP without disrupting the nature of the Internet. We ...

Keywords: micro-mobility protocol, mobile IP, mobility management, random walk model on a connected graph

19 Cost reduction in location management using semi-realtime movement information
Guang Wan, Eric Lin
July 1999 Wireless Networks,   Volume 5 Issue 4
Publisher: Kluwer Academic Publishers

Full text available: pdf(191.60 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 14,   Downloads (12 Months): 44,   Citation Count: 9

This paper introduces a dynamic paging scheme based on the semi-realtime movement information of an individual user, which allows a more accurate predication of the user location at the time of paging. In general, a realtime location tracking scheme ...

20 Distributed PIN verification scheme for improving security of mobile devices
Jian Tang, Vagan Terziyan, Jari Veijalainen
April 2003 Mobile Networks and Applications,   Volume 8 Issue 2
Publisher: Kluwer Academic Publishers

Full text available: pdf(298.43 KB)   Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 31,   Downloads (12 Months): 220,   Citation Count: 1

The main driving force for the rapid acceptance rate of small sized mobile devices is the capability to perform e-commerce transactions at any time and at any place, especially while on the move. There are, however, also weaknesses of this type of e-commerce, ...

Keywords: measure, mobile device, probability, risks, security, uncover

Results 1 - 20 of 107   Result page: 1   2   3   4   5   6   next   >>